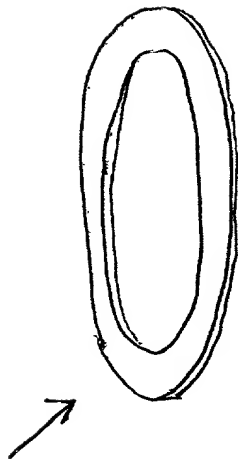


Figure 1 The Sequential Processing Reaction Vessel (SPRV)

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PTFE RING



0.5um PTFE  
HYDROPHILIC FILTER



37um PTFE  
FILTER FRIT (1/16-1/8" thick)



Apply  
Pressure  
→  
 $T = 330^{\circ}\text{C}$   
 $t = 15\text{ min}$

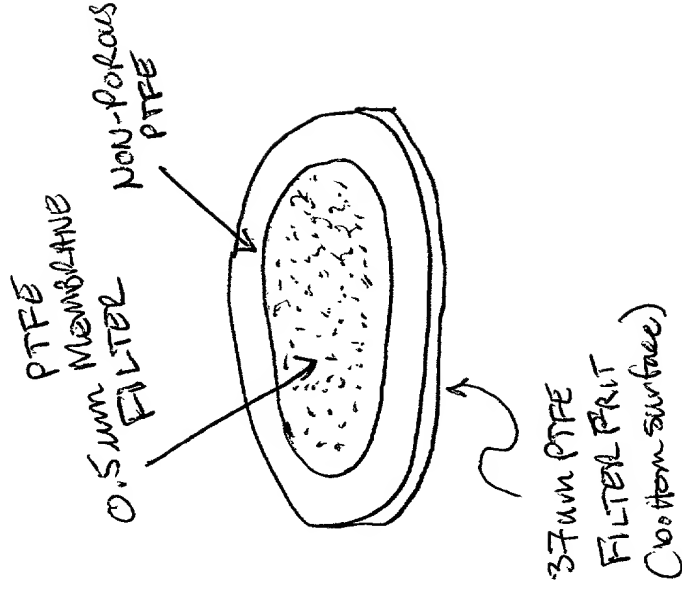


FIG. 2

# Liquid Reservoir and spray apparatus

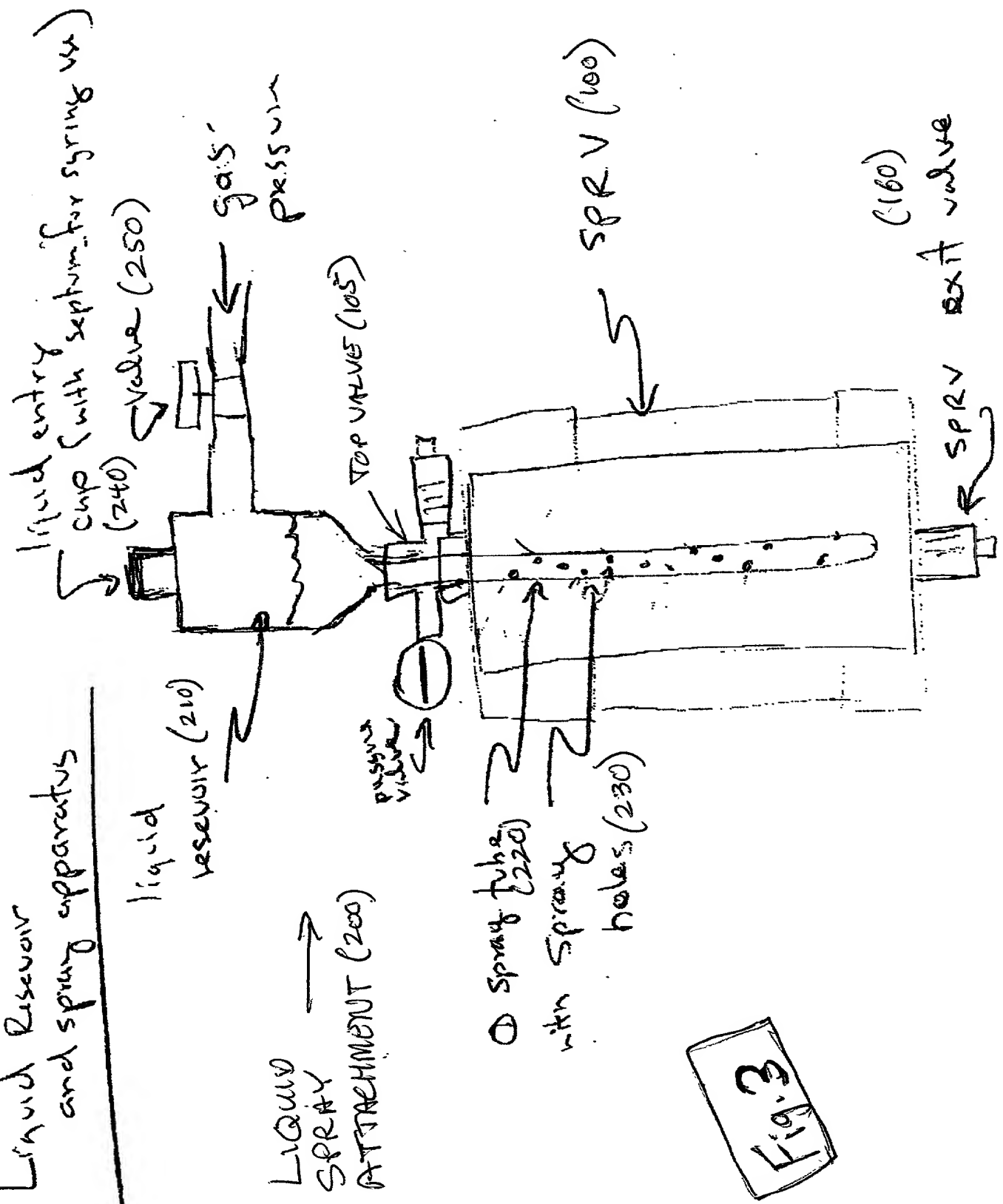
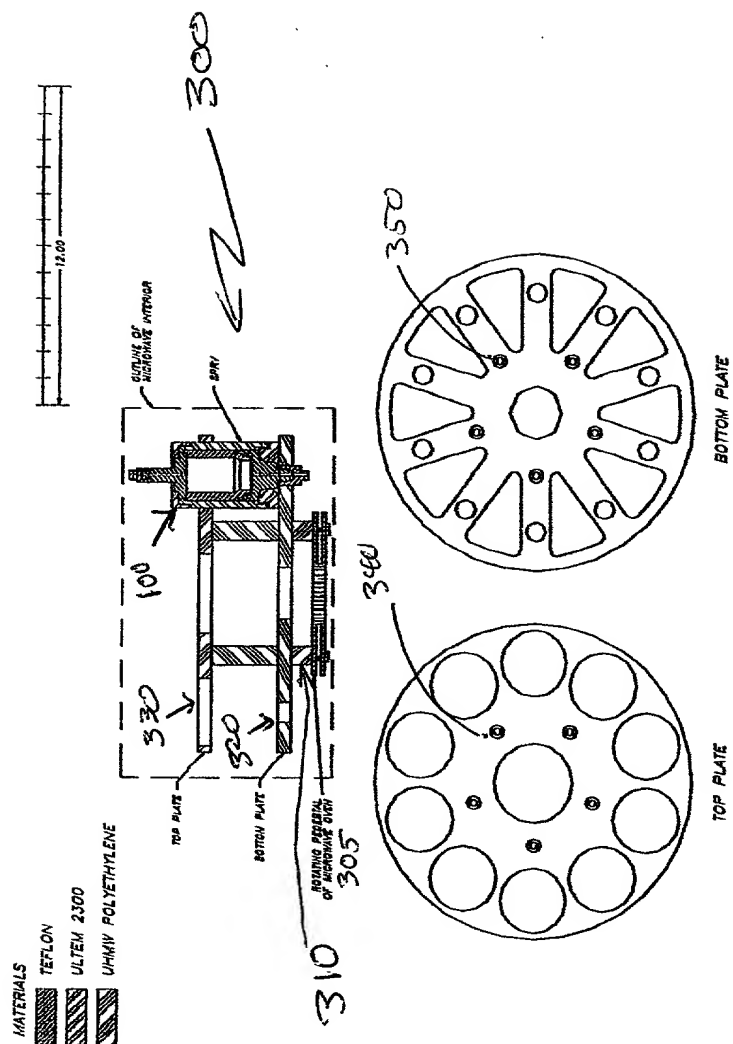


Fig. 3

[illegible]

**Fig. 3 The SPRV Multiple Carousel Assembly**

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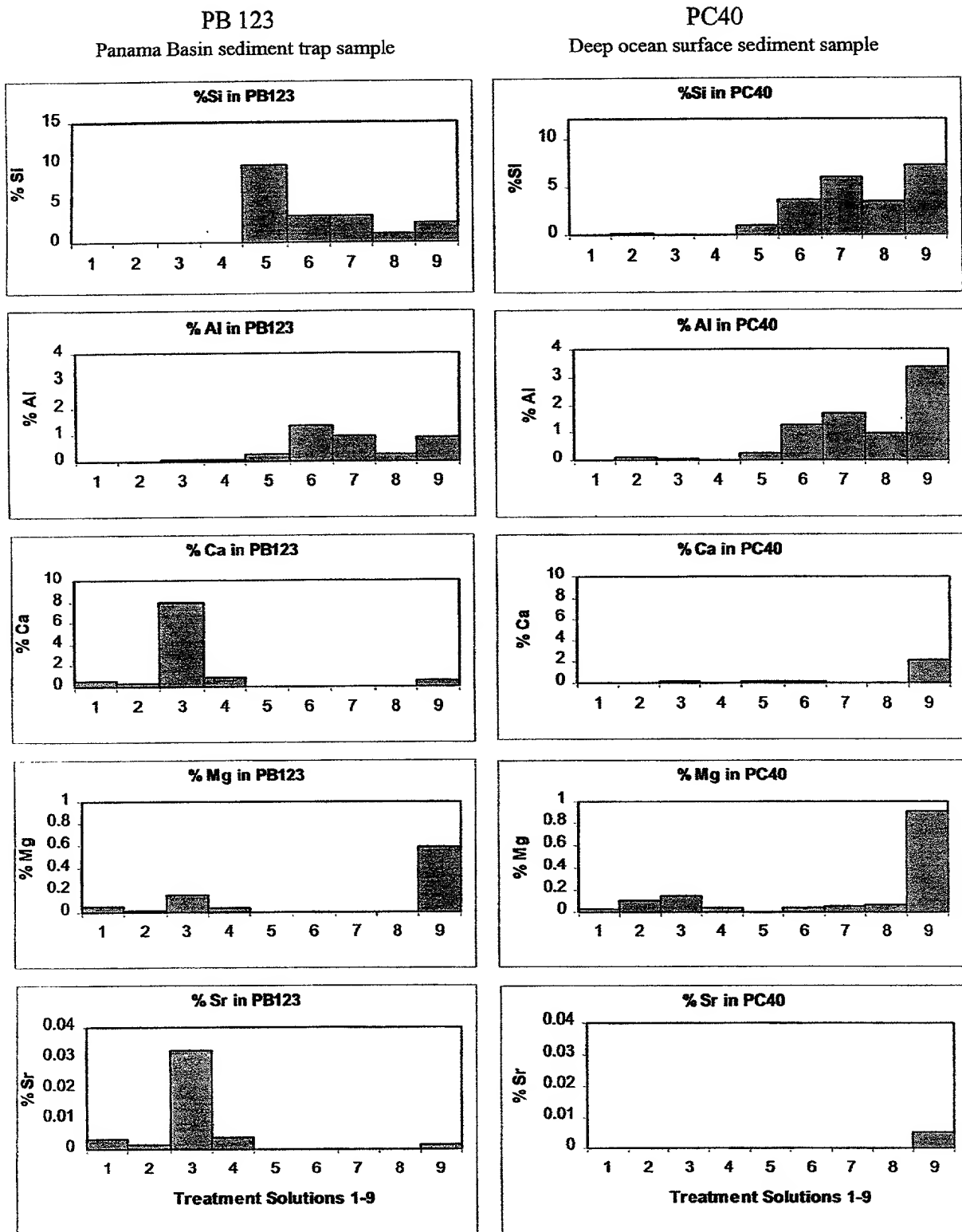


Figure 5 Elemental Concentrations in treatment solutions 1-9 sequentially extracted from sediment samples PB123 and PC40

**FIG. 5**